

Title (en)

Hybrid electrical ice protection system and method including an energy saving mode

Title (de)

Hybrides elektrisches Enteisierungssystem und Verfahren mit einem Energiesparmodus

Title (fr)

Système hybride de dégivrage électrique et un procédé avec un mode d'économie d'énergie

Publication

**EP 1873060 A1 20080102 (EN)**

Application

**EP 06116063 A 20060626**

Priority

EP 06116063 A 20060626

Abstract (en)

A hybrid electrical ice protection system including at least a first set of heaters (208-1) and a secon set of heaters (208-2) implements three ice protection methods in various combinations. The ice protection methods include the fully-evaporative anti-ice protection method, the wet running anti-ice protection method, and the de-ice method. The particular methods that are implemented vary, depending on the particular aircraft structure for which ice protection is being provided and on the power condition of the aircraft.

IPC 8 full level

**B64D 15/12** (2006.01)

CPC (source: EP)

**B64D 15/12** (2013.01); **B64D 2033/0233** (2013.01)

Citation (search report)

- [A] EP 0749894 A2 19961227 - GOODRICH CO B F [US]
- [A] GB 2319942 A 19980603 - EUROCOPTER AEROPORT INTERNATIO [FR]
- [A] US 3013752 A 19611219 - KENNETH RUSH CHARLES
- [A] US 3204084 A 19650831 - SPENCER JR JESSIE H, et al

Cited by

US11702213B2; EP3708496A1; US8931740B2; US11920557B2; US9267715B2

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DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

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